RAW SEQUENCE LISTING
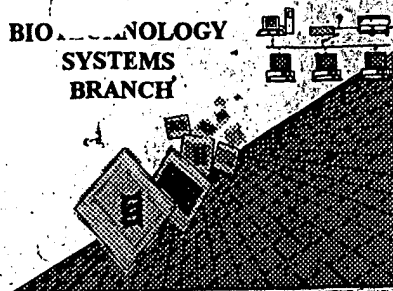# ERROR REPORT

BIO.___.NOLOGY
SYSTEMS
BRANCH

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/889,609

Source: Pu/09

Date Processed by STIC: 7/27/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
  PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
  PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

<u>Checker Version 3.0 can be down loaded from the USPTO website at the following address:</u>
http://www.uspto.gov/web/offices/pac/checker

PCT09

RAW SEQUENCE LISTING   DATE: 07/27/2001
PATENT APPLICATION: US/09/889,609   TIME: 19:12:13

Input Set : A:\sequence listing.txt
Output Set: N:\CRF3\07272001\I889609.raw

```
     4 <110> APPLICANT: Wolosker, Herman
     5         Takashashi, Maasaki
     6         Mothet, Jean-Pierre
     7         Ferris, Christopher
     8         Snyder, Solomon
    10 <120> TITLE OF INVENTION: Mammalian Serine Racemase
    13 <130> FILE REFERENCE: 01107.85600
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/889,609
C--> 15 <141> CURRENT FILING DATE: 2001-07-19
E--> 15 <160> NUMBER OF SEQ ID NOS: 11
    17 <170> SOFTWARE: FastSEQ for Windows Version 3.0
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
    308 <210> SEQ ID NO: 11
    309 <211> LENGTH: 1672
    310 <212> TYPE: DNA
    311 <213> ORGANISM: Mus musculus
    313 <400> SEQUENCE: 11
E--> 313 11
W--> 315 <210> SEQ ID NO:
W--> 315 <211> LENGTH:
W--> 315 <212> TYPE:
W--> 315 <213> ORGANISM:
E--> 315 <400> SEQUENCE:
E--> 316 gaccttacac cctttgccac actggtcctg ggccaagatg ggccaatcaa agtccttacc     60
    317 cagaattttt tgaactgaaa ttgagagaga atccctcttc agtatggaag ccataaaatg    120
    318 taaaacacag gagctgtcag cagccatgtg tcctgcagta cggagccagc tggtctgctg    180
    319 tgagaaggaa gccgccgtgc cagaggcagc agagaaccat gtgtgctcag tactgcatct    240
    320 cctttgctga tgttgaaaaa gctcatatca acattcaaga ctctatccac ctcaccccag    300
    321 tgctaacaag ctccattttg aatcaaatag caggtcgcaa tcttttcttc aaatgtgagc    360
    322 tcttccagaa aactgggtct tttaagattc gaggtgccct taatgccatc agaggcttaa    420
    323 ttcctgacac gccagaagag aagcccaaag ccgtagttac tcacagcagc ggaaaccatg    480
    324 gccaagctct cacctatgct gctaaactgg aaggaattcc tgcttacatt gtggttcccc    540
    325 aaacagctcc caactgcaag aaactggcaa tccaagccta tggagcatcg atagtatact    600
    326 gtgacccaag tgacgagtcc agagaaaagg tcactcaaag aattatgcaa gaaacagaag    660
    327 gcatcttggt ccatcccaac caggagcctg cagtgatagc tggacaagga acaattgccc    720
    328 tggaagtgct gaaccaggtt cccttggtag atgcactggt ggtaccagta ggaggaggag    780
    329 gaatggttgc tggaatagcc attacaatta aggccctgaa acctagtgtg aaggtatacg    840
    330 ctgctgagcc ctcgaatgca gatgactgct accagtctaa actgaaagga gaactgaccc    900
    331 ccaatcttca tcctccagaa accatagcag atggtgtcaa atccagcatt ggcttgaata    960
    332 cctggcctat tataagagac cttgtggatg atgtcttcac tgtcaccgaa gatgaaatca   1020
    333 agtatgcaac ccagctggtg tggggggagaa tgaaactgct cattgagccg actgctggcg   1080
    334 tggcactggc tgcagtgctg tctcagcatt tccaaacagt ctctccagaa gtaaagaacg   1140
    335 tctgcattgt actcagtggg gggaatgtag acctaacctc cctgaactgg gtggggcagg   1200
    336 ctgaacggcc agctccttac cagacggtct gtttaaattc aggcaagatt gtctctagat   1260
```

```
337 gaaaattttg tttccatctt ccctttaaaa attatgttca aaatcctaat gaagaaagtg   1320
338 taagtaatca tgtaaattct gtacttagca gagacatgga caactgaaat acagagcaca   1380
339 agctgcctgg tcacaaccca gactccaaca ctggagtttt ggttggttgc agtagagaca   1440
340 gaacccaact gagtctctta ctccatgtct acttcagaca ctgttgaaga gatgtcactt   1500
341 ttaacccaag gtactggctc tggtacatat gggtcataag tccacttggg aaatactcgc   1560
·342 ttatagagat tcattaatac tgtgtcctga gatttcagct ttccccatca aaactgcact   1620
343 ttatatggcc atgggtacct aaaagttaaa acagataatt ggtcaaaaat              1670
352 (37)
```

<210> 11
<211> (1672) /670 shown
<212> DNA
<213> Mus musculus

<400> 11

(<400> 2) delete

```
gaccttacac cctttgccac actggtcctg ggccaagatg ggccaatcaa agtccttacc    60
cagaattttt tgaactgaaa ttgagagaga atccctcttc agtatggaag ccataaaatg   120
taaaacacag gagctgtcag cagccatgtg tcctgcagta cggagccagc tggtctgctg   180
tgagaaggaa gccgccgtgc cagaggcagc agagaaccat gtgtgctcag tactgcatct   240
cctttgctga tgttgaaaaa gctcatatca acattcaaga ctctatccac ctcaccccag   300
tgctaacaag ctccattttg aatcaaatag cagggcgcaa tcttttcttc aaatgtgagc   360
tcttccagaa aactgggtct tttaagattc gaggtgccct taatgccatc agaggcttaa   420
ttcctgacac gccagaagag aagcccaaag ccgtagttac tcacagcagc ggaaaccatg   480
gccaagctct cacctatgct gctaaactgg aaggaattcc tgcttacatt gtggttccgc   540
aaacagctcc caactgcaag aaactggcaa tccaagccta tggagcatcg atagtatact   600
gtgacccaag tgacgagtcc agagaaaagg tcactcaaag aattatgcaa gaaacagaag   660
gcatcttggt ccatcccaac caggagcctg cagtgatagc tggacaagga acaattgccc   720
tggaagtgct gaaccaggtt cccttggtag atgcactggt ggtaccagta ggaggaggag   780
gaatggttgc tggaatagcc attacaatta aggccctgaa acctagtgtg aaggtatacg   840
ctgctgagcc ctcgaatgca gatgactgct accagtctaa actgaaagga gaactgaccc   900
ccaatcttca tcctccagaa accatagcag atggtgtcaa atccagcatt ggcttgaata   960
cctggcctat tataagagac cttgtggatg atgtcttcac tgtcaccgaa gatgaaatca  1020
agtatgcaac ccagctggtg tgggggagaa tgaaactgct cattgagccg actgctggcg  1080
tggcactggc tgcagtgctg tctcagcatt tccaaacagt ctctccagaa gtaaagaacg  1140
tctgcattgt actcagtggg gggaatgtag acctaacctc cctgaactgg gtggggcagg  1200
ctgaacggcc agctccttac cagacggtct gtttaaattc aggcaagatt gtctctagat  1260
gaaaattttg tttccatctt ccctttaaaa attatgttca aaatcctaat gaagaaagtg  1320
taagtaatca tgtaaattct gtacttagca gagacatgga caactgaaat acagagcaca  1380
agctgcctgg tcacaaccca gactccaaca ctggagtttt ggttggttgc agtagagaca  1440
gaacccaact gagtctctta ctccatgtct acttcagaca ctgttgaaga gatgtcactt  1500
ttaacccaag gtactggctc tggtacatat gggtcataag tccacttggg aaatactcgc  1560
ttatagagat tcattaatac tgtgtcctga gatttcagct ttccccatca aaactgcact  1620
ttatatggcc atgggtacct aaaagttaaa acagataatt ggtcaaaaat              1670
```

(37) delete

PSI

Input Set : **A:\sequence listing.txt**
Output Set: **N:\CRF3\07272001\I889609.raw**

L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:313 M:252 E: No. of Seq. differs, <211>LENGTH:Input:1672 Found:0 SEQ:11
L:315 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:315 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:315 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:315 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:315 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:11 differs:2
L:15 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (11) Counted (12)